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(54) PRODUCTION OF POLYURETHANE FOAM

## (57)Abstract:

PROBLEM TO BE SOLVED: To produce a polyurethane foam excellent in dimensional stability even at low temperatures by reacting a polyol component with an isocyanate component in the presence of a catalyst containing a compound having a tert- amino group and an NCO-reactive OH group and a compound having a prim- amino group and a prim-OH group, a blowing agent, and a foam stabilizer.

SOLUTION: Preferably, the compound having a tert-amino group and an NCO-reactive OH group is 6-dimethylamino-1-hexanol, and the compound having a prim-amino group and a prim-OH group is preferably a compound of the formula: A-(CH<sub>2</sub>)<sub>n</sub>-NH<sub>2</sub> and/or a compound selected from among 3- aminopropanol, 2-hydroxyethylaminopropylamine, 2-hydroxyethylaminoethylamine, and N-methyl-N-(2-hydroxyethyl)-1,3- propanediamine. In the formula, A is NR<sub>1</sub>R<sub>2</sub> or OH; R<sub>1</sub> is H or 1-4C alkyl; R<sub>2</sub> is CH<sub>2</sub>CH<sub>2</sub>OH; and n is 2-6.

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